

1653
PH#8RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/254,600DATE: 01/11/2001
TIME: 11:37:51

ENTERED

Input Set : A:\PTO.txt
Output Set: N:\CRF3\01112001\I254600.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: Cohen, Yarom

8 (ii) TITLE OF INVENTION: Pharmaceutical Composition for the
9 Treatment of Syndrome X of Reaven

11 (iii) NUMBER OF SEQUENCES: 40

13 (iv) CORRESPONDENCE ADDRESS:

14 (A) ADDRESSEE: Stevens, Davis, Miller & Mosher, LLP

15 (B) STREET: 1615 L Street, NW, Suite 850

16 (C) CITY: Washington

17 (D) STATE: DC

18 (E) COUNTRY: US

19 (F) ZIP: 20036

21 (v) COMPUTER READABLE FORM:

22 (A) MEDIUM TYPE: Floppy disk

23 (B) COMPUTER: IBM PC compatible

24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

27 (vi) CURRENT APPLICATION DATA:

C--> 28 (A) APPLICATION NUMBER: US/09/254,600

C--> 29 (B) FILING DATE: 11-Mar-1999

30 (C) CLASSIFICATION:

32 (viii) ATTORNEY/AGENT INFORMATION:

33 (A) NAME: Pavelko, Thomas P.

34 (B) REGISTRATION NUMBER: 31,689

35 (C) REFERENCE/DOCKET NUMBER: TPP30566

37 (ix) TELECOMMUNICATION INFORMATION:

38 (A) TELEPHONE: 202-408-5100

39 (B) TELEFAX: 202-408-5200

42 (2) INFORMATION FOR SEQ ID NO: 1:

44 (i) SEQUENCE CHARACTERISTICS:

45 (A) LENGTH: 7 amino acids

47 (B) TYPE: amino acid

48 (C) STRANDEDNESS: single

49 (D) TOPOLOGY: linear

51 (ii) MOLECULE TYPE: peptide

53 (iii) HYPOTHETICAL: NO

55 (iv) ANTI-SENSE: NO

57 (v) FRAGMENT TYPE: internal

62 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

64 Pro Phe Asp Trp Lys Thr Phe

65 1 5

67 (2) INFORMATION FOR SEQ ID NO: 2:

69 (i) SEQUENCE CHARACTERISTICS:

70 (A) LENGTH: 7 amino acids

71 (B) TYPE: amino acid

72 (C) STRANDEDNESS: single

RAW SEQUENCE LISTING DATE: 01/11/2001
 PATENT APPLICATION: US/09/254,600 TIME: 11:37:51

Input Set : A:\PTO.txt
 Output Set: N:\CRF3\01112001\I254600.raw

```

73      (D) TOPOLOGY: linear
75      (ii) MOLECULE TYPE: peptide
77      (iii) HYPOTHETICAL: NO
79      (iv) ANTI-SENSE: NO
81      (v) FRAGMENT TYPE: internal
85      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
87      Ala Tyr Asp Trp Lys Val Phe
88      1           5
90 (2) INFORMATION FOR SEQ ID NO: 3:
93      (i) SEQUENCE CHARACTERISTICS:
94          (A) LENGTH: 6 amino acids
95          (B) TYPE: amino acid
96          (C) STRANDEDNESS: single
97          (D) TOPOLOGY: linear
99      (ii) MOLECULE TYPE: peptide
101     (iii) HYPOTHETICAL: NO
103     (iv) ANTI-SENSE: NO
105     (v) FRAGMENT TYPE: internal
109     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
111     Pro Ala Trp Lys Thr Phe
112     1           5
114 (2) INFORMATION FOR SEQ ID NO: 4:
116     (i) SEQUENCE CHARACTERISTICS:
117         (A) LENGTH: 6 amino acids
118         (B) TYPE: amino acid
119         (C) STRANDEDNESS: single
120         (D) TOPOLOGY: linear
122     (ii) MOLECULE TYPE: peptide
124     (iii) HYPOTHETICAL: NO
126     (iv) ANTI-SENSE: NO
128     (v) FRAGMENT TYPE: internal
133     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
135     Pro Tyr Trp Lys Thr Phe
136     1           5
139 (2) INFORMATION FOR SEQ ID NO: 5:
141     (i) SEQUENCE CHARACTERISTICS:
142         (A) LENGTH: 5 amino acids
143         (B) TYPE: amino acid
144         (C) STRANDEDNESS: single
145         (D) TOPOLOGY: linear
147     (ii) MOLECULE TYPE: peptide
149     (iii) HYPOTHETICAL: NO
151     (iv) ANTI-SENSE: NO
153     (v) FRAGMENT TYPE: internal
158     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
160     Pro Phe Trp Lys Phe
161     1           5
163 (2) INFORMATION FOR SEQ ID NO: 6:
165     (i) SEQUENCE CHARACTERISTICS:

```

RAW SEQUENCE LISTING DATE: 01/11/2001
 PATENT APPLICATION: US/09/254,600 TIME: 11:37:51

Input Set : A:\PTO.txt
 Output Set: N:\CRF3\01112001\I254600.raw

```

166      (A) LENGTH: 6 amino acids
167      (B) TYPE: amino acid
168      (C) STRANDEDNESS: single
169      (D) TOPOLOGY: linear
171      (ii) MOLECULE TYPE: peptide
173      (iii) HYPOTHETICAL: NO
175      (iv) ANTI-SENSE: NO
177      (v) FRAGMENT TYPE: internal
182      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
185      Ala Phe Trp Lys Thr Phe
186      1           5
188 (2) INFORMATION FOR SEQ ID NO: 7:
190      (i) SEQUENCE CHARACTERISTICS:
191          (A) LENGTH: 6 amino acids
192          (B) TYPE: amino acid
193          (C) STRANDEDNESS: single
194          (D) TOPOLOGY: linear
196      (ii) MOLECULE TYPE: peptide
198      (iii) HYPOTHETICAL: NO
200      (iv) ANTI-SENSE: NO
202      (v) FRAGMENT TYPE: internal
207      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
209      Pro Phe Trp Lys Val Phe
210      1           5
212 (2) INFORMATION FOR SEQ ID NO: 8:
214      (i) SEQUENCE CHARACTERISTICS:
215          (A) LENGTH: 6 amino acids
216          (B) TYPE: amino acid
217          (C) STRANDEDNESS: single
218          (D) TOPOLOGY: linear
220      (ii) MOLECULE TYPE: peptide
222      (iii) HYPOTHETICAL: NO
224      (iv) ANTI-SENSE: NO
226      (v) FRAGMENT TYPE: internal
231      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
233      Ala Phe Trp Lys Thr Phe
234      1           5
236 (2) INFORMATION FOR SEQ ID NO: 9:
238      (i) SEQUENCE CHARACTERISTICS:
239          (A) LENGTH: 5 amino acids
240          (B) TYPE: amino acid
241          (C) STRANDEDNESS: single
242          (D) TOPOLOGY: linear
244      (ii) MOLECULE TYPE: peptide
246      (iii) HYPOTHETICAL: NO
248      (iv) ANTI-SENSE: NO
250      (v) FRAGMENT TYPE: internal
255      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
257      Pro Phe Trp Lys Thr

```

RAW SEQUENCE LISTING DATE: 01/11/2001
 PATENT APPLICATION: US/09/254,600 TIME: 11:37:51

Input Set : A:\PTO.txt
 Output Set: N:\CRF3\01112001\I254600.raw

```

258      1      5
260 (2) INFORMATION FOR SEQ ID NO: 10:
262   (i) SEQUENCE CHARACTERISTICS:
263       (A) LENGTH: 6 amino acids
264       (B) TYPE: amino acid
265       (C) STRANDEDNESS: single
266       (D) TOPOLOGY: linear
268   (ii) MOLECULE TYPE: peptide
270   (iii) HYPOTHETICAL: NO
272   (iv) ANTI-SENSE: NO
274   (v) FRAGMENT TYPE: internal
279   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
281   Pro Phe Trp Lys Thr Phe
282      1      5
284 (2) INFORMATION FOR SEQ ID NO: 11:
286   (i) SEQUENCE CHARACTERISTICS:
287       (A) LENGTH: 5 amino acids
288       (B) TYPE: amino acid
289       (C) STRANDEDNESS: single
290       (D) TOPOLOGY: linear
292   (ii) MOLECULE TYPE: peptide
294   (iii) HYPOTHETICAL: NO
296   (iv) ANTI-SENSE: NO
298   (v) FRAGMENT TYPE: internal
303   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
305   Pro Phe Trp Lys Thr
306      1      5
308 (2) INFORMATION FOR SEQ ID NO: 12:
310   (i) SEQUENCE CHARACTERISTICS:
311       (A) LENGTH: 10 amino acids
312       (B) TYPE: amino acid
313       (C) STRANDEDNESS: single
314       (D) TOPOLOGY: linear
316   (ii) MOLECULE TYPE: peptide
318   (iii) HYPOTHETICAL: NO
320   (iv) ANTI-SENSE: NO
323   (v) FRAGMENT TYPE: internal
328   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
330   Lys Asn Phe Phe Trp Lys Thr Tyr Thr Ser
331      1      5      10
333 (2) INFORMATION FOR SEQ ID NO: 13:
335   (i) SEQUENCE CHARACTERISTICS:
336       (A) LENGTH: 4 amino acids
337       (B) TYPE: amino acid
338       (C) STRANDEDNESS: single
339       (D) TOPOLOGY: linear
341   (ii) MOLECULE TYPE: peptide
343   (iii) HYPOTHETICAL: NO
345   (iv) ANTI-SENSE: NO

```

RAW SEQUENCE LISTING DATE: 01/11/2001
 PATENT APPLICATION: US/09/254,600 TIME: 11:37:51

Input Set : A:\PTO.txt
 Output Set: N:\CRF3\01112001\I254600.raw

```

347      (v) FRAGMENT TYPE: internal
352      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
354      Phe Trp Lys Thr
355      1
357 (2) INFORMATION FOR SEQ ID NO: 14:
359      (i) SEQUENCE CHARACTERISTICS:
360          (A) LENGTH: 4 amino acids
361          (B) TYPE: amino acid
362          (C) STRANDEDNESS: single
363          (D) TOPOLOGY: linear
365      (ii) MOLECULE TYPE: peptide
367      (iii) HYPOTHETICAL: NO
369      (iv) ANTI-SENSE: NO
371      (v) FRAGMENT TYPE: internal
376      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
378      Phe Trp Lys Thr
379      1
381 (2) INFORMATION FOR SEQ ID NO: 15:
383      (i) SEQUENCE CHARACTERISTICS:
384          (A) LENGTH: 4 amino acids
385          (B) TYPE: amino acid
386          (C) STRANDEDNESS: single
387          (D) TOPOLOGY: linear
389      (ii) MOLECULE TYPE: peptide
391      (iii) HYPOTHETICAL: NO
393      (iv) ANTI-SENSE: NO
395      (v) FRAGMENT TYPE: internal
400      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
402      Phe Trp Lys Ser
403      1
405 (2) INFORMATION FOR SEQ ID NO: 16:
407      (i) SEQUENCE CHARACTERISTICS:
408          (A) LENGTH: 4 amino acids
409          (B) TYPE: amino acid
410          (C) STRANDEDNESS: single
411          (D) TOPOLOGY: linear
413      (ii) MOLECULE TYPE: peptide
415      (iii) HYPOTHETICAL: NO
417      (iv) ANTI-SENSE: NO
419      (v) FRAGMENT TYPE: internal
424      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
426      Phe Trp Lys Thr
427      1
429 (2) INFORMATION FOR SEQ ID NO: 17:
431      (i) SEQUENCE CHARACTERISTICS:
432          (A) LENGTH: 4 amino acids
433          (B) TYPE: amino acid
434          (C) STRANDEDNESS: single
435          (D) TOPOLOGY: linear

```

VERIFICATION SUMMARY DATE: 01/11/2001
PATENT APPLICATION: US/09/254,600 TIME: 11:37:52

Input Set : A:\PTO.txt
Output Set: N:\CRF3\01112001\I254600.raw

L:28 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:29 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]